



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT OPERATIONS

#2

Art Unit: (Examiner)
Applicant: Badri et al
Serial No: 09/763,009
Filed: 02-13-2001
Title: METHOD AND DEVICE FOR TRANSMITTING SYMBOLS USING A
PLURALITY OF CARRIERS AND METHOD AND DEVICE FOR
RECEIVING INFORMATION SYMBOLS

Charlotte, North Carolina
January 22, 2004

Honorable Commissioner of Patents and Trademarks
Washington, D. C. 20231

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SUPPLEMENT TO FORM PTO/SB/08A/08B

INFORMATION DISCLOSURE CITATION EXPLAINING
THE RELEVANCE OF EACH LISTED ITEM

The following prior art documents were cited during the proceeding before the Japanese Patent Office.

1. JP 10-032557
2. JP 05-327807

REMARKS

The attached PTO Form SB/08/A/B is incorporated as part of the Information Disclosure Statement. A copy of each cited document is attached. Applicants submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such.

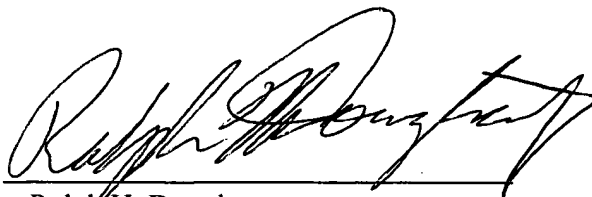
In accordance with 37 CFR 1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

The following prior art documents were cited during the proceeding before the Japanese Patent Office.

JP 10-032557 describes a relay system in which a distance between a transmitter and a repeater is extended or a period of a guard interval being redundant period is reduced so as to increase transmission capacity and a transmitter and a repeater used for the same.

JP 05-327807 describes a system to provide transmission reception system in which a problem that a transmission information quantity cannot be increased is solved when the frequency band is limited in the transmitter sending a digital signal and much more information is sent within the same frequency band.

Respectfully submitted,



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Attorney's Docket 3104

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/763,009	
			Filing Date	02-13-2001	
			First Named Inventor	Badri et al	
			Group Art Unit		
			Examiner Name		
			Attorney Docket Number	3104	
Sheet	1	of	1		

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**